

**CLAIMS**

1. An electronic card (2) having a first face and a second face, said faces including mechanical  
5 reinforcements, characterized in that said reinforcements are formed, on the one hand, from a first braced structure (8) placed on the first face and, on the other hand, from a second braced structure (8) placed on the second face of said electronic card.  
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2. The electronic card as claimed in claim 1, characterized in that the second braced structure (8) is substantially identical to the first braced structure (8).  
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3. The electronic card as claimed in claim 2, characterized in that the second braced structure (8) is placed on the second face in a substantially identical manner to the first braced structure (8)  
20 placed on the first face.
4. The electronic card as claimed in one of the preceding claims, characterized in that each braced structure (8) comprises at least a first peripheral  
25 brace support (81), a second peripheral brace support (81) and a brace (82), these being located on the same face of the electronic card, each peripheral brace support (81) having a lower end (810) fastened to said face and an upper end (811), said upper ends (811) of  
30 the first and second peripheral brace supports (81) being joined together by said brace (82).
5. The electronic card as claimed in claim 4, characterized in that each braced structure (8)  
35 comprises four brace supports (81) spaced approximately in the form of a rectangle and two braces (82), each brace (82) joining two base supports (81) located on one of the two diagonals of the rectangle.

6. The electronic card as claimed in claims 4 and 5, characterized in that the brace (82) essentially comprises a small-diameter metal cable.

5 7. The electronic card as claimed in claims 4 and 5, characterized in that the brace (82) essentially comprises a thin metal blade.

8. The electronic card as claimed in either of claims  
10 6 and 7, characterized in that each braced structure (8) includes means (83) for mechanically tensioning the brace, said tension being adjustable by said means.

9. The electronic card as claimed in claims 5 and 8,  
15 characterized in that the mechanical tensioning means (83) are common to the braces (82) of each braced structure (8).

10. The electronic card according to claim 8,  
20 characterized in that the means (83) for tensioning the brace of the second structure (8) are independent of the means (83) for tensioning the brace of the first structure (8).

25 11. The electronic card as claimed in claim 10, characterized in that the means (83) for mechanically tensioning each braced structure (8) comprise a central mast (830) located between the first peripheral brace support (81) and the second peripheral brace support  
30 (81), the two peripheral brace supports (81) and the central mast (830) being located on the same face of the electronic card (2), said central mast (830) being approximately perpendicular to said face, said central mast (830) having a lower end (831), fastened to the  
35 electronic card, and an upper end carrying a mechanical assembly (832, 833) comprising means for translationally adjusting the brace along the central mast and for fixing it thereto, the central portion of

the brace of said braced structure being fastened to said mechanical assembly (832, 833).

12. The electronic card as claimed in claim 11,  
5 characterized in that the central mast (830) has a threaded portion and in that the mechanical assembly (832, 833) is of the nut/jam-nut type.

13. The electronic card as claimed in claim 8,  
10 characterized in that the tensioning means (8) are common to the brace (82) of the second structure and to the brace (82) of the first structure.

14. The electronic card as claimed in claim 13,  
15 characterized in that the common mechanical tensioning means (8) comprise:

- a central mast (830) passing through the electronic card (2) and having a first end (834) and a second end:
  - 20 • the first end (834) of said mast being located on the same side as the first face, the brace of the first structure being fastened to said first end; and
  - the second end being located on the same  
25 side as the second face, the second end carrying a mechanical assembly (835) fastened to the brace (82) of the second structure, said mechanical assembly comprising means for translationally adjusting the brace along the central mast and for  
30 fixing it thereto, the central portion of the brace of the second structure being fastened to said mechanical assembly (835);
  - at least two central brace supports (84) located on the first face, these being placed on either  
35 side of the central mast (830), each brace support having a lower end, fastened to said first face, and an upper end, the base (82) of the first braced structure resting on said upper ends of said central brace supports (84); and

• at least two central brace supports (84) located on the second face, these being placed on either side of the central mast (830), each brace support having a lower end, fastened to said second  
5 face, and an upper end, the brace (82) of the second braced structure resting on said upper ends of said central brace supports (84).

15. The electronic card as claimed in claim 14,  
10 characterized in that the central mast (830) has a threaded portion and in that the mechanical assembly is essentially a nut.

16. An electronic computer that includes at least one  
15 electronic card (2) as claimed in one of claims 1 to 15.

17. A fixed-wing or rotary-wing aircraft avionics  
20 system that includes at least one electronic computer as claimed in claim 16.